

AMENDMENTS TO THE CLAIMS:

1. (Cancelled)
2. (Previously Presented) The warning system according to claim 7, wherein the radio pressure gauge is a pressure sensor with a short-distance transmitter connected to a compressed-air cylinder.
3. (Previously Presented) The warning system according to claim 7, wherein the vital function radio monitor includes at least a vital sensor combined with a short-distance transmitter for collecting a user's vital data.
4. (Previously Presented) The warning system according to claim 7, wherein the radio measuring device includes a gas or temperature sensor coupled with a short-distance transmitter.
5. (Previously Presented) The warning system according to claim 7, wherein the control unit is configured to allow coupling of a camera and/or thermal image camera with the control unit.
6. (Cancelled)

7. (Currently Amended) A warning system for people working in hazardous conditions, the warning system comprising: a control unit with a motion detector, an alarm transmitter and a display, wherein the warning system further comprises a receiver and a memory for recording incidents integrated into the control unit, the control unit configured to operate selectively as: a) a standalone base warning unit; b) via a wireless radio connection with at least one of: i) a radio pressure gauge for a compressed air breathing apparatus; ii) a vital function radio monitor; and iii) a radio measuring device for detecting gas and temperature conditions; and c) via a physical link connection with at least one of i) a radio data transmitter; and ii) a walkie-talkie.

8. (Previously Presented) The warning system according to claim 7 wherein the control unit is configured to operate via a radio connection with each of a radio pressure gauge for a compressed air breathing apparatus, a vital function radio monitor and a radio measuring device for detecting gas and temperature conditions.

9. (Previously Presented) The warning system according to claim 7 wherein the control unit is configured to operate via a physical link connection with each of a radio data transmitter and a walkie-talkie.

10. (Previously Presented) The warning system according to claim 8 wherein the control unit is configured to operate via a physical link connection with each of a radio data transmitter and a walkie-talkie.

11. (Currently Amended) A warning system for people working in hazardous conditions, the warning system comprising: a control unit with a motion detector, an alarm transmitter and a display, wherein the warning system further comprises a receiver and a memory for recording incidents integrated into the control unit, the control unit configured to operate selectively as: a) a standalone base warning unit; or b) via a wireless radio connection with at least one of: i) a radio pressure gauge for a compressed air breathing apparatus; ii) a vital function radio monitor; and iii) a radio measuring device for detecting gas and temperature conditions.